



AI Temperature Detection

EFFICIENT | PRECISE | STABLE

Fotric 226B

Auto Body Temperature Infrared Imager





FOTRIC 226B

Be the 1st to Built-In AI Intelligence

EFFICIENT | PRECISE | STABLE

EFFICIENT

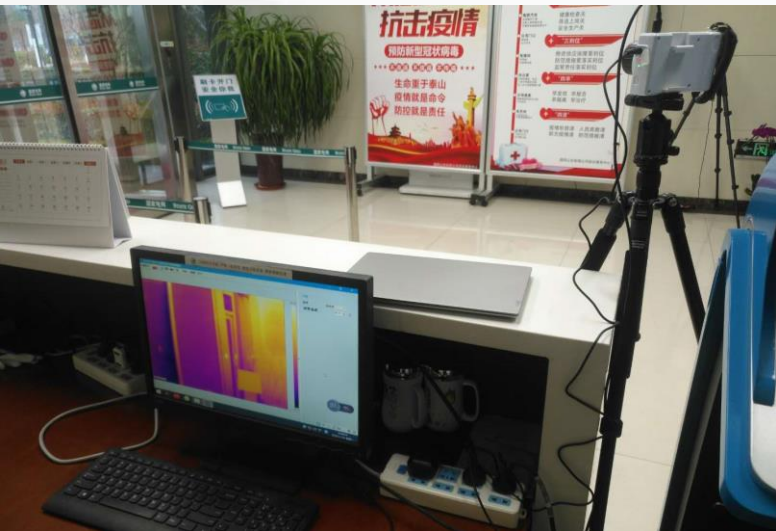
**Millisecond-Level
Senseless Screening**



10 MINS TO DEPLOY

10 minutes installation and commissioning in, power up ready to use

Built-in number statistics for automatic statistics of screened people and suspected alarms, to achieve data-based outbreak prevention and control

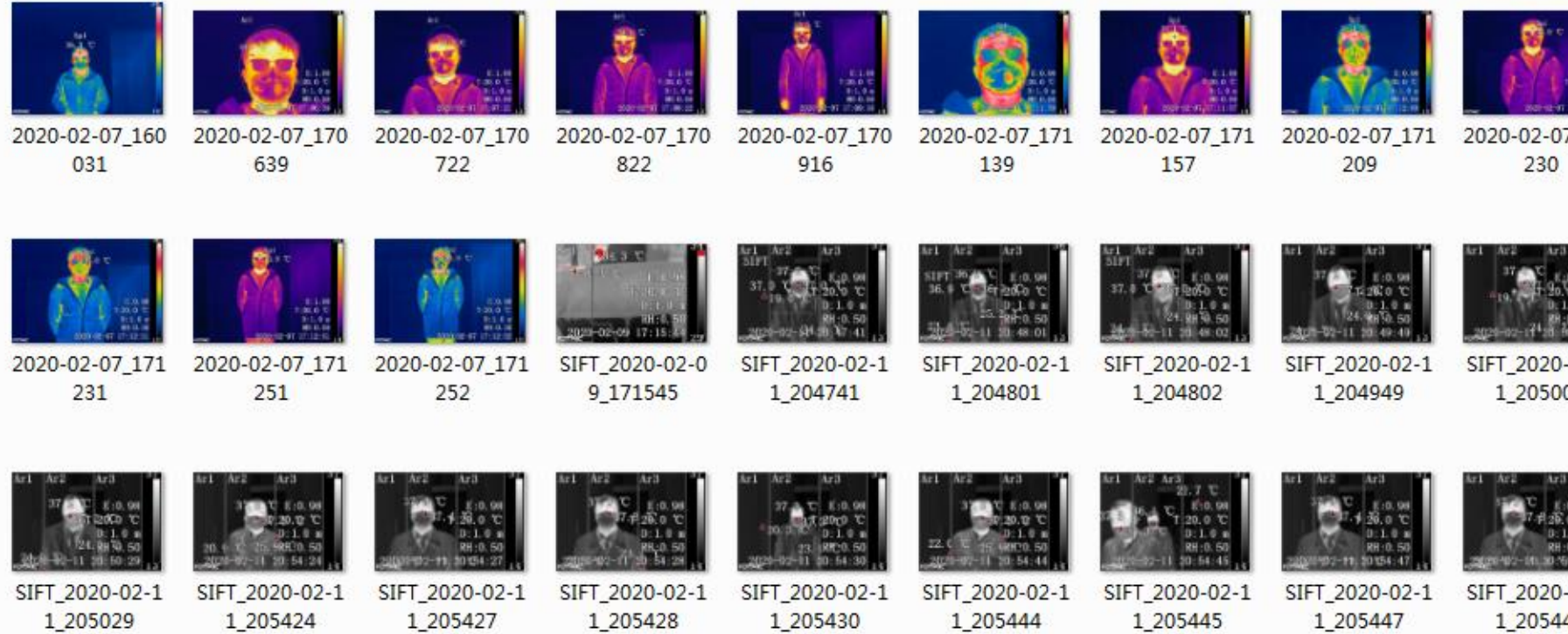


MILLISECOND RESPONSE WITH NON-CONTACT MEASUREMENT

Infrared thermal imaging technology provides non-contact measurement to ensure the safety of the detection personnel themselves.

Millisecond response does not affect population's traffic efficiency and behavior habits

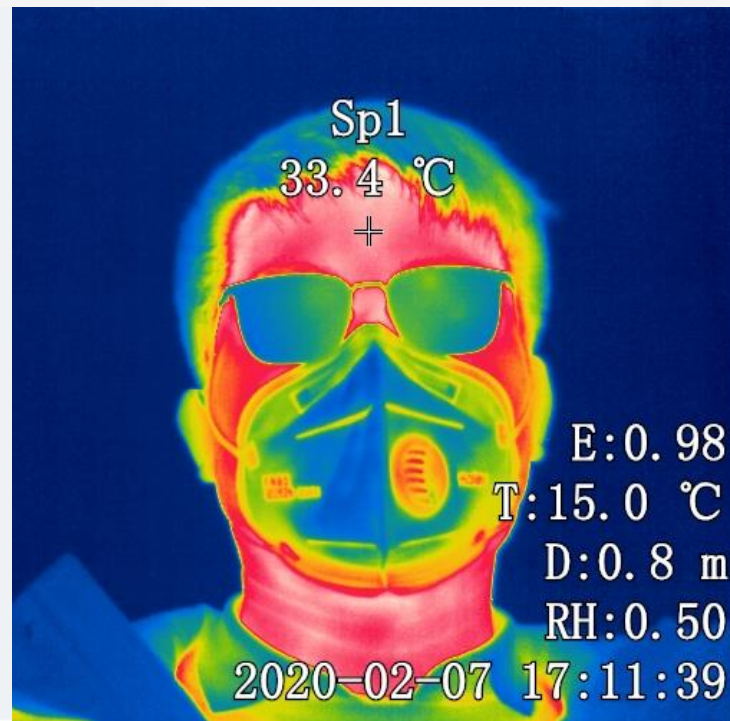
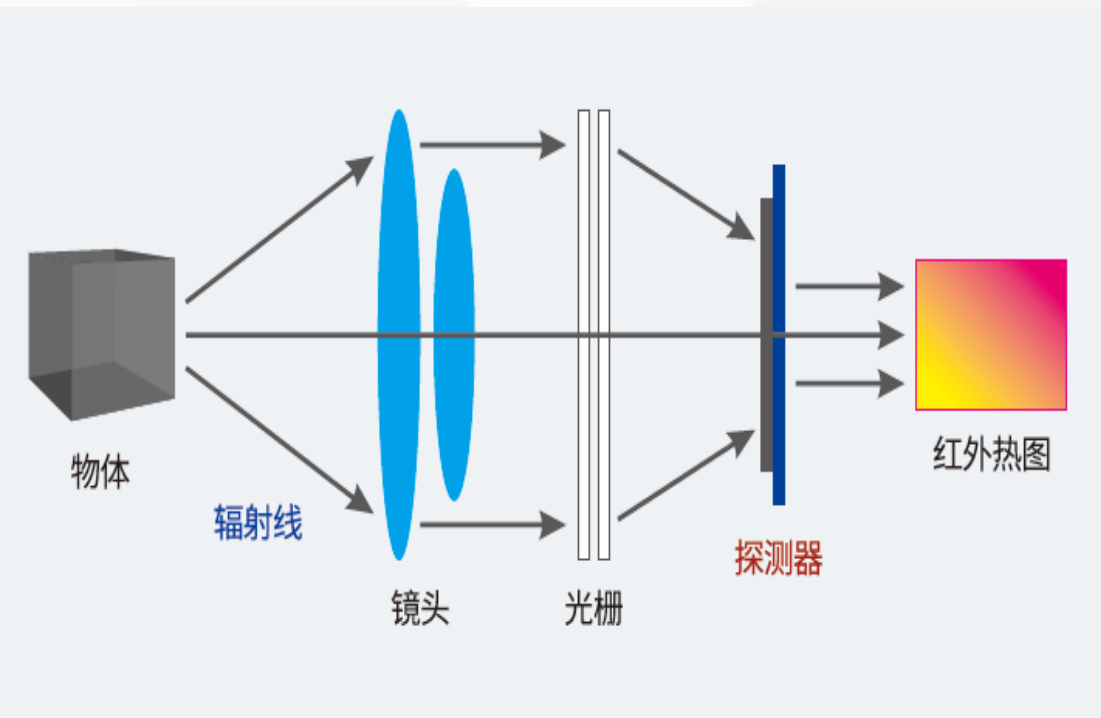
INSTANT VOICE ALARM FOR ABNORMAL BODY TEMPERATURE



For abnormal temperature personnel, voice alarm will be triggered immediately, along with red box shown on the target face with an instant snap shot

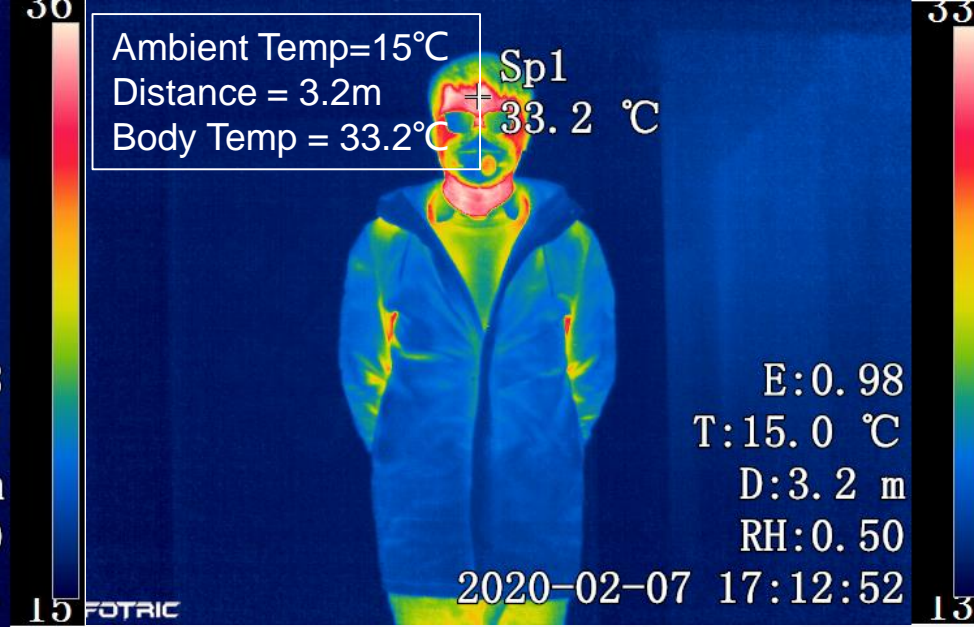
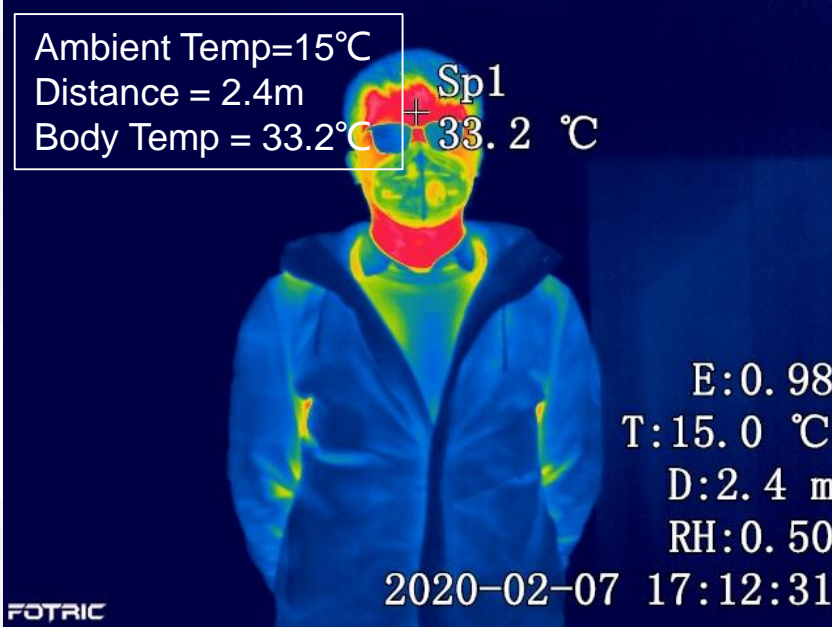
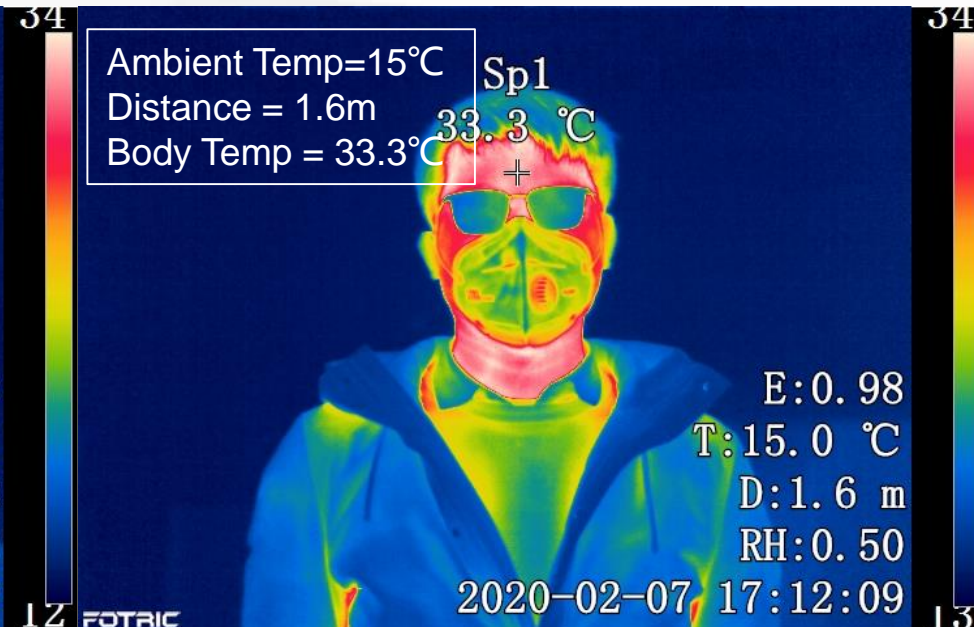
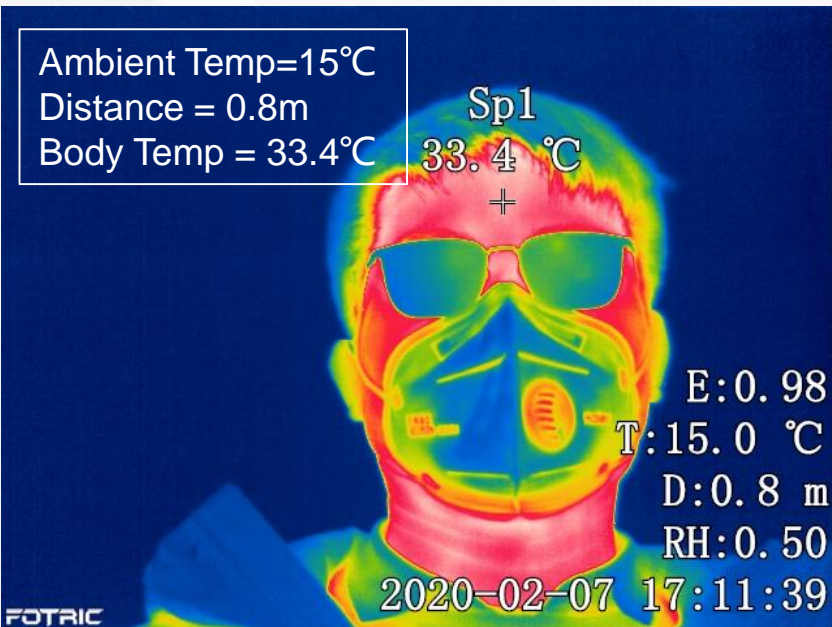
PRECISE

**5 TIMES MORE OF EFFECTIVE
TEMPERATURE PIXELS FOR MORE
ACCURATE DETECTION**



HIGH QUALITY IMAGE WITH ACCURATE TEMPERATURE MEASUREMENT

With Polysilicon-FPA, a single photo is up to 110k effective temperature measuring points, even human hair is cleared

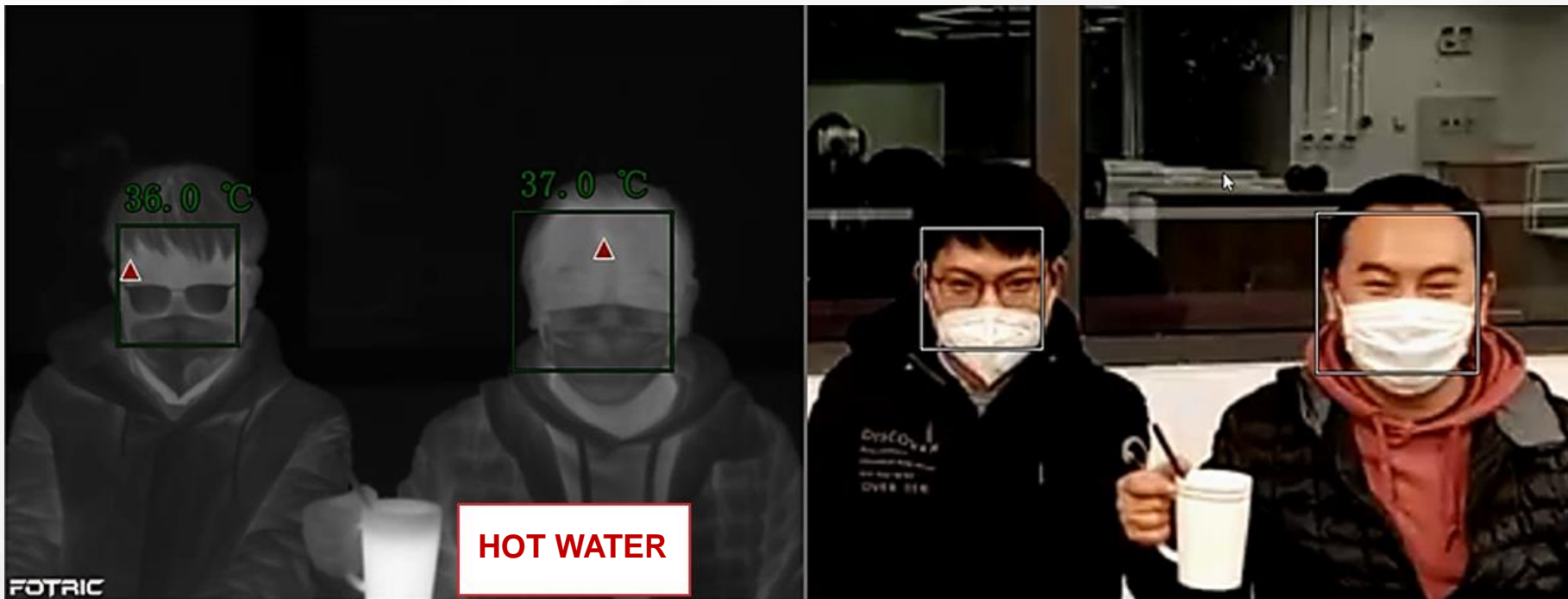


BODY TEMPERATURE MEASUREMENT STABILITY OF ±0.5°C

Support 7*24 hours of continuous operation, temperature stability of ±0.5°C

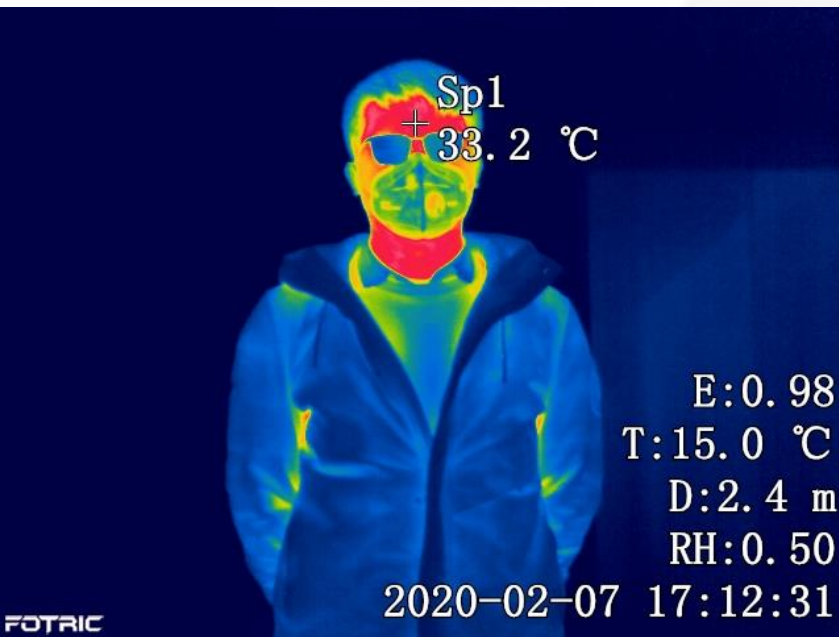
STABLE

**AUTOMATIC ADPATATION
TO CHANGES IN AMBIENT
TEMPERATURE TO
PREVENT FALSE ALARM**

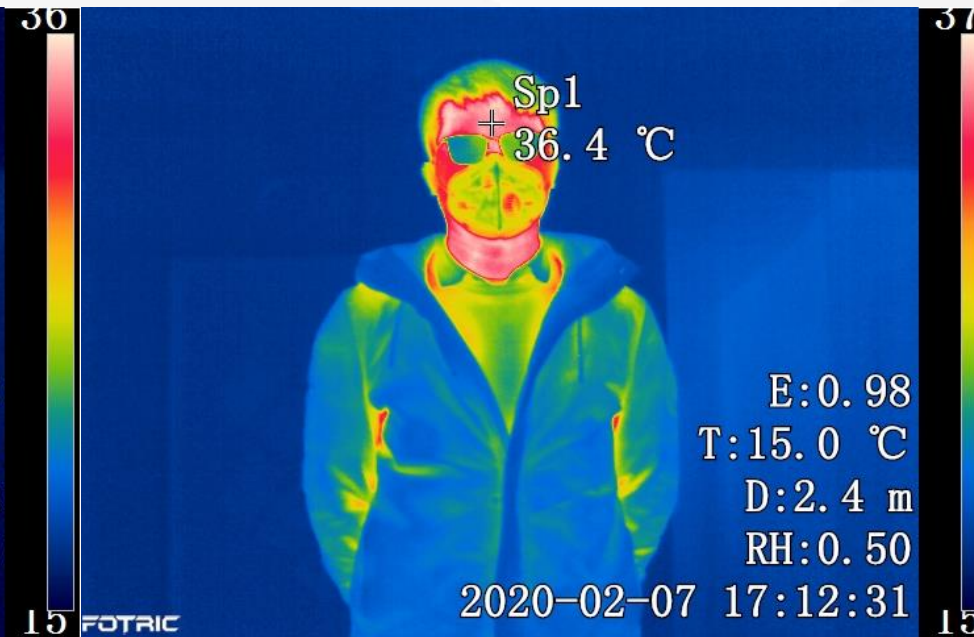


AUTOMATIC LOCK FACE FOR DETECTION TO PREVENT FALSE ALARM

Built-in AI dual-light face
detection algorithm, only
detect face temperature with
100% passing rate



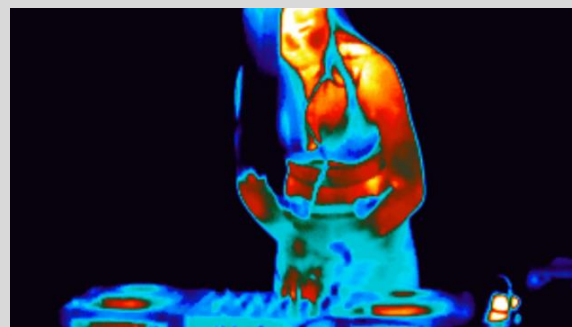
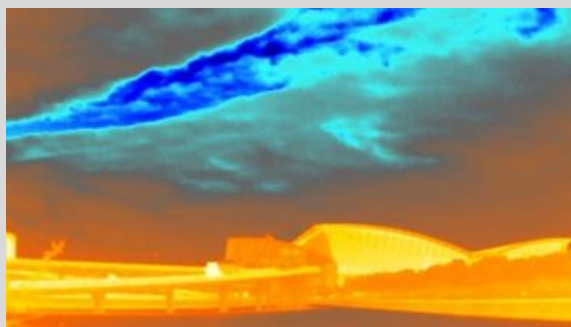
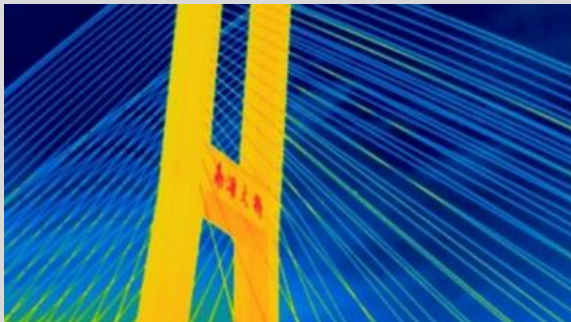
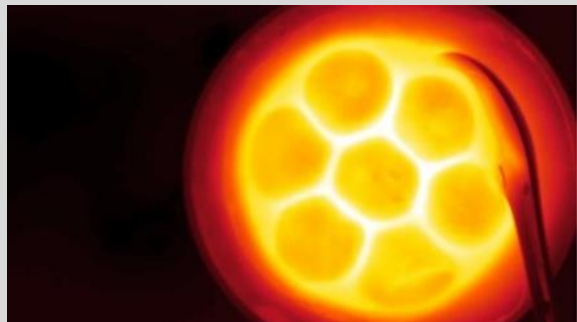
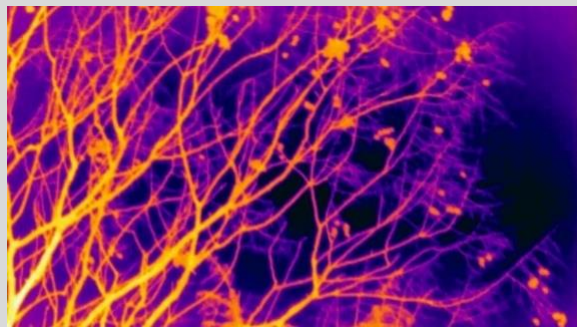
AI Calibration Mode **OFF**



AI Calibration Mode **ON**

INTELLIGENT AI TEMPERATURE CALIBRATION ALGORITHM TO PREVENT MISREPORTING

Built-in AI temperature calibration algorithm can automatic collect face temperature in different scenarios for self-learning to adapt ambient temperature changes real-time adjustment, i.e. body temperature varies during day and night



FOTRIC

A LEADING BRAND OF INFRARED THERMAL TECHNOLOGY

Worldwide Best Selling Infrared Thermal Imagers

AI IoT



Intelligent Hardware



Cloud Data



AI Assist Decision Making

Innovation



Thermal Image Sensor



Internet



Intelligent Algorithm

Applications



AI Machine Vision



Smart EP



R&D



Intelligent Fire

* Distribution networks around Americas, Europe, APEA & SEA



Best-known Brand for Thermal Professors and Specialties



United Infrared is in San Antonio, Texas. October 18 at 5:45pm

Fotric was a big hit at the Thermal Imaging Conference!



Fotric on Twitter
*Taken by a #Fotric 226 IR camera, roof scan demonstration Ben Hixson, Peter Hopkins in @unitedinfrared #infrared #thermalimaging conference!
TWITTER.COM

Review of FOTRIC 228 Pro Thermal Camera with 92-degree Lens for video recording of on-roof infrared moisture survey.

-by Greg Stockton
Stockton Infrared Thermographic Services, Inc.

I recently bought a FOTRIC 228 Pro Thermal Camera. This IR microbolometer imaging system has 640 x 480 (307,200 pixels) detector resolution. It uses FOTRIC LinkIR smartphone app to operate and FOTRIC AnalyzIR as the image post-processing software. It came with the standard lens...but I also opted to get the 92-degree Lens (L92-228). This is a super wide-angle lens (FOV 92°x76°).

Our company was engaged to perform an on-roof IR moisture survey of an office and laboratory facility. I wanted to document every square inch of the entire roof area for trending purposes. The roof is a 12-year-old TPO membrane, over 2 inches of polyisocyanurate insulation, over a



FOTRIC has won 1st Prize in the 2018 US IR/INFO Competition

Highly Recognized Brand in Industry



DESIGN
AWARD
2019

DISCIPLINE PRODUCT

FOTRIC X Thermal Camera

intelligent infrared thermal camera

DESIGN

IRS SYSTEMS INC.
SHANGHAI, China

CLIENT / MANUFACTURER

IRS SYSTEMS INC.
SHANGHAI, China

Jury

Chris Alt | Jan Andersson | Hokuto Ando | Stefan Behnisch | Inma Bernudez | Christoph Böninger | Emre Bozbeyli | Florian Breiter | Sander Brouwer | Dave Brown | Chi Mei Chang | Shikuan Chen | Paul Cohen | Gary Cooke | Alastair Curtis | Christian Doering | Micky Du | Fritz Frenkler | Bärbel Fritz | Niklas Galler | Oliver Gerstheimer | Anubhav Gupta | Sascha Hanke | Sam Hecht | Henrik Holbaek | Rossana Hu | Ronald Ihrig | Manabu Inoue | Timothy Jacob Jensen | Henrik Jeppesen | Simone Kalz | Seung Eon Kim | Seil Kim | Henk Kosche | Julia Landsiedl | Michael Lanz | Monika Lepel | Isabelle Lidström | Petra Lundblad | Damian Mackiewicz | Birgit Mager | Alasdair McPhail | Michael Meyer | Nick Mival | Alexander Müller | Darragh Murphy | Achim Nagel | Thomas Paulen | Larissa Pohl | Dick Powell | Ana Revao | Robert Sachon | Aysel Sari | Sonja Schiefer | Mario Schlegel | Susanne Schmidhuber | Gisela Schulzinger | Mario Selic | Sayuri Shoji | Brian Stephens | Junggi Sung | Kyoko Tanaka | Martin Topel | Mirjam van Colffe | Wolfgang Wagner | Yao Yingjia | Brigitte Ziemann

330-1-248771

FOTRIC has won 2019 German iF Industry Design Award



FOTRIC 226B
COST-EFFECTIVE, SAFE
AND EASY TO MAINTAIN

MULTI APPLICATION SCENARIOS



Governemnts



Airports



Railways



Corps



Stations



Hospitals

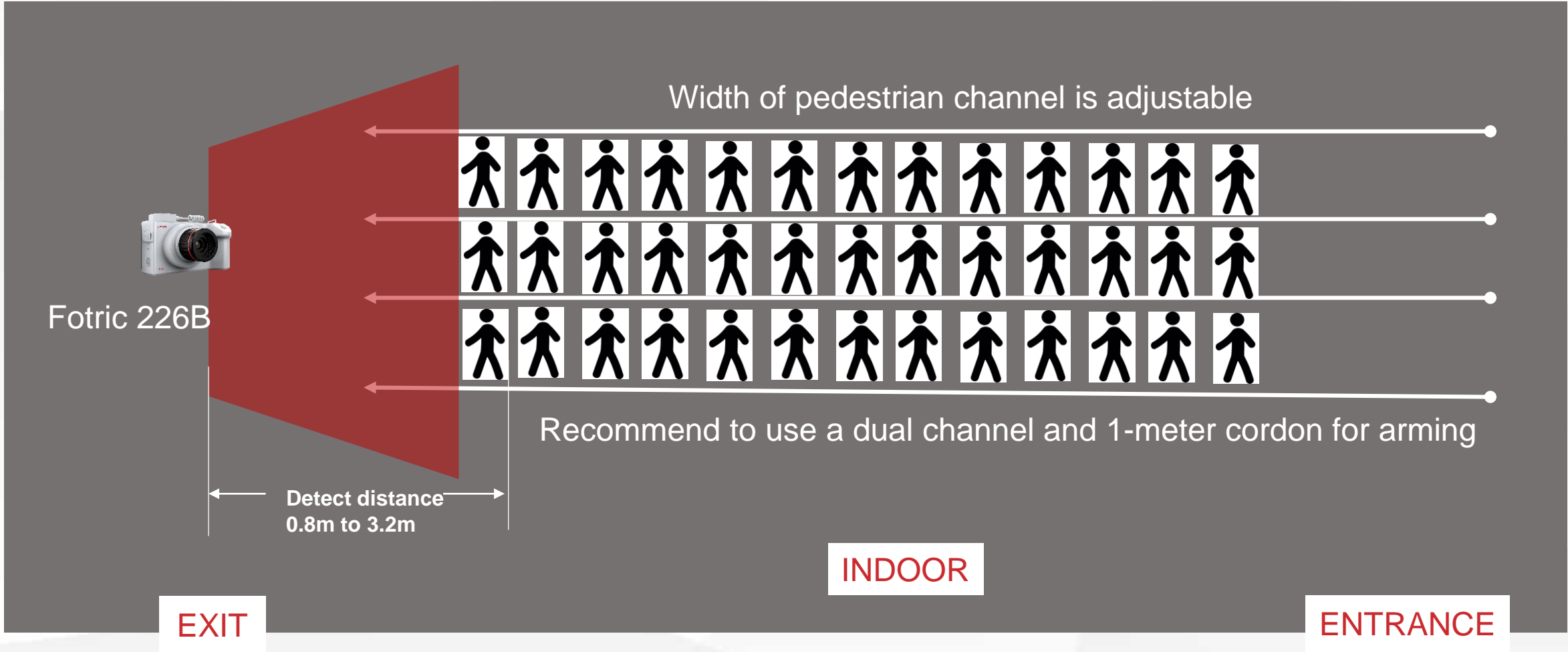


Schools



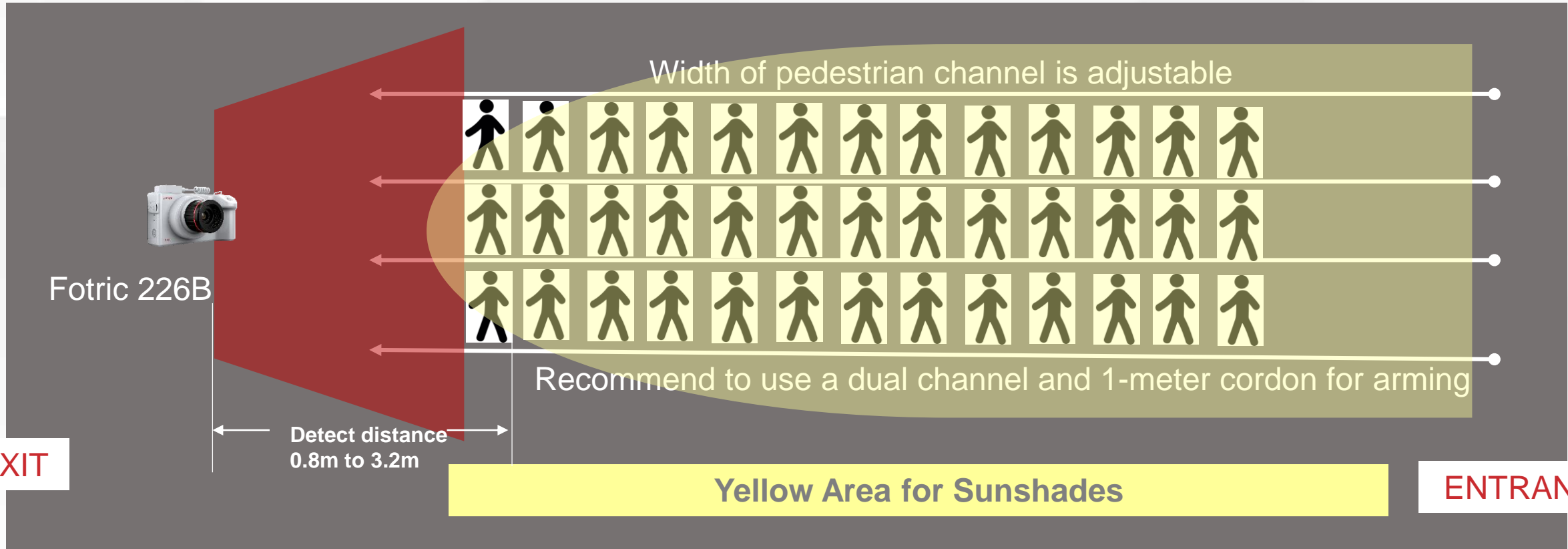
景区

Suggest Indoor Maintenance



FOTRIC 226B has its best performance under indoor maintenance, detect distance between 0.8m to 3.2m.

Outdoor Maintenance



Warning:
When detect outdoor, sunshades are needed to installed to prevent ambient temperature interference
When rainy and windy, body temperature is lower than average
When under sunshine, hair will absorb heat to increase temp, avoid hair for false alarm

Fotric 226B Main Specs

Model	FOTRIC 226B
IR Resolution	384 × 288 pixels
Thermal Sensitivity (NETD)	<0.05°C@30°C
Field of View (FOV)	28°H × 21°V
Detector Type	Polysilicon-FPA, uncooled microbolometer, 17μm, Spectral Range 8-14μm
Frame Rate	50Hz
Temperature Range	20°C-60°C (68°F-140°F)
Temperature Stability	±0.5°C
Alarm Function	Both color alarm and sound alarm
Image Format	Standard JPEG with temperature data
Software	FREE, WLIR Body Temperature Screening Software
Operating Temperature	0°C-40°C (32°F-104°F)
Storage Temperature	-20°C-50°C (-4°F-122°F)
Enclosure Rating	IP40

DELIVERY TIME

Within 3 Days



AI INFRARED THERMAL DETECTION EFFICIENT | PRECISE | STABLE

FOTRIC INC.
www.fotric.com

